Crossreferenced Containment: How Identity, Profession, and Infrastructure Collide

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In the architecture of modern banking and digital platforms, identity is no longer declared—it is inferred. Before the click, before the login, before the transaction, systems already know who you are. Or rather, they decide who you are based on biometric data, behavioral patterns, and occupational signals. For Indigenous, Latino, Black, and other BIPOC social workers, this creates a double containment loop: punished for their profession, and punished for their identity.

Biometric Containment: The Scroll as Signature

Behavioral biometrics—how users scroll, tap, hesitate—are now used to authenticate silently. Feedzai (n.d.) confirms that these patterns form a digital fingerprint harder to fake than a password. But for marginalized users, this fingerprint becomes a flag. Erratic typing, cognitive pacing, or multilingual rhythm may be misread as instability or fraud risk.

Appinventiv (2023) warns that biometric systems, while convenient, introduce algorithmic misidentification and deep surveillance risks. Indigenous users navigating trauma or systemic neglect are often misclassified—not because they are unstable, but because the system does not recognize their rhythm.

Occupational Bias: Pharmacy Technician vs. Social Worker

Banks do not just evaluate credit—they profile professions. Pharmacy technicians, seen as stable and essential, are algorithmically favored. Social workers, despite managing trauma, housing, and mental health, are deprioritized. The Review of Economic Studies (2021) found that consumer lending models embed occupational bias, disproportionately affecting applicants in socially vital roles.

GitHub’s BiasGuard project (R1905, n.d.) confirms that machine learning models used in loan approvals often penalize applicants based on profession, leading to unfair treatment of those in public service roles. This bias is amplified when the applicant is also Indigenous or BIPOC.

COVID-19 and the Normalization of Surveillance

COVID-19 reframed biometric surveillance as public health infrastructure. Contactless verification became a hygiene protocol, and compliance became virtue. Cambridge University's Data & Policy journal (2021) confirms that the pandemic accelerated the development of digital identity frameworks integrating biometric and behavioral data.

Bioqube (2023) reports that fingerprint scanners were replaced by facial recognition, voice analysis, and scroll-based profiling. What began as emergency response became containment logic: a system that knows who you are, how you behave, and whether you are compliant—before you even log in.

Systemic Discrimination Against Indigenous and BIPOC Social Workers

KOHO (2020) reports that unconscious bias in Canadian banking leads to racial profiling and discrimination against BIPOC individuals, especially when opening accounts or applying for loans. The Yellowhead Institute (2020) confirms that Indigenous people face structural racism in banking, with systemic barriers that persist despite public commitments to equity.

The Canadian Human Rights Commission (2021) found that Indigenous people face significant employment barriers in the financial sector itself, reinforcing exclusion from both service and decision-making. For Indigenous social workers, this means being flagged twice: once for their profession, and once for their identity.

Conclusion

This is not just bias—it is infrastructural misrecognition. The system does not merely fail to see Indigenous and BIPOC social workers—it actively reroutes, deprioritizes, and contains them. Their scroll becomes a signature. Their profession becomes a flag. Their identity becomes a risk score.

References

Appinventiv. (2023). Biometrics technology in digital banking. https://appinventiv.com/blog/biometrics-technology-in-digital-banking/

Bioqube. (2023). The adoption of contactless biometrics. https://bioqube.ai/blog/the-adoption-of-contactless-biometrics/

Cambridge University. (2021). Rethinking digital identity for post-COVID-19 societies: Data, privacy, and human rights considerations. Data & Policy. https://www.cambridge.org/core/journals/data-and-policy/article/rethinking-digital-identity-for-postcovid19-societies-data-privacy-and-human-rights-considerations/0B9A65B889C341CF535E804256C2816A

Canadian Human Rights Commission. (2021). Significant employment barriers remain for Indigenous people in banking and financial services. https://www.chrc-ccdp.gc.ca/resources/newsroom/significant-employment-barriers-remain-indigenous-people-banking-and-financial

Feedzai. (n.d.). Behavioral biometrics: Next-generation fraud prevention. https://www.feedzai.com/blog/behavioral-biometrics-next-generation-fraud-prevention/

KOHO. (2020). Unconscious bias at the bank. https://www.koho.ca/learn/unconscious-bias-at-the-bank/

R1905, S. (n.d.). BiasGuard: The bias in the granting of bank loans. GitHub. https://github.com/SatvikR1905/BiasGuard-The-Bias-in-the-Granting-of-Bank-Loans

Review of Economic Studies. (2021). Bias in consumer lending. Review of Economic Studies, 88(6), 2799–2832. https://academic.oup.com/restud/article/88/6/2799/6342424

Yellowhead Institute. (2020). Banking while brown. https://yellowheadinstitute.org/wp-content/uploads/2020/02/banking-while-brown-brief-1.pdf